

WHAT IS CLAIMED IS:

1. A printing system comprising:

A first image forming section adapted to form a first image on a recording medium based on first image information;

a fixing section adapted to subject the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium;

a second image forming section adapted to form a second image on the recording medium, which has passed through said fixing section, based on second image information; and

a correcting section adapted to correct the second image information based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section.

2. A printing system comprising:

a first printer having a first image forming section adapted to form a first image on a recording medium based on first image information and a fixing section adapted to subject the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium; and

a second printer having a second image forming section adapted to form a second image on the recording medium, which has been fed from the first printer, based on second image information;

a correcting section provided in at least the second printer, for correcting the second image information based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section.

3. A printing system comprising:

a first image forming section adapted to form at least an image on a first page and an image on a second page in arrangement in a direction perpendicular to the feeding direction on a recording medium to be fed in one direction;

a fixing section adapted to subject the recording medium bearing the images thereon to at least heating operation so as to fix the images onto the recording medium;

a second image forming section adapted to form at least an image on a third page and an image on a fourth page on the recording medium, which has passed through the fixing means, in arrangement in the direction perpendicular to the feeding direction;

a page interval correcting section adapted to correct the interval between the image on the third page and the image on the fourth page based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section.

4. A printing system comprising:

a first printer having a first image forming section for forming at least an image on a first page and an image on a second page in arrangement in a direction perpendicular to the feeding direction on a recording medium to be fed in one direction and a fixing section for subjecting the recording medium bearing the images thereon to at least heating operation so as to fix the images onto the recording medium;

a second printer having a second image forming section for forming at least an image on a third page and an image on a fourth page on the recording medium, which has been fed from the first printer, in arrangement in the direction perpendicular to the feeding direction;

a page interval correcting section provided in at least the second printer, for correcting the interval between the image on the third page and the image on the fourth page based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section.

5. A printing method comprising:

a first image forming step of forming a first image on a recording medium based on first image information;

a fixing step of subjecting the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium;

a second image forming step of forming a second image on the recording medium after the fixing step based on second image information; and

an image information correcting step of correcting the second image information based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing step prior to the second image forming step.

6. A printing method comprising:

a first image forming step of forming at least an image on a first page and an image on a second page in arrangement in a direction perpendicular to the feeding direction on a recording medium to be fed in one direction;

a fixing step of subjecting the recording medium bearing the images thereon to at least heating operation so as to fix the images onto the recording medium; and

a second image forming step of forming at least an image on a third page and an image on a fourth page on the recording medium after the fixing step in arrangement in the direction perpendicular to the feeding direction; and

a page interval correcting step of correcting the interval between the image on the third page and the image on the fourth page based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing step.

7. A printing system comprising:

a first image forming section adapted to form a first image on a recording medium based on first image information;

a fixing section adapted to subject the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium; and

a second image forming section adapted to form a second image on the recording medium, which has passed through the fixing means, based on second image information;

a first detecting section adapted to detect at least either one of the length and width of a page of the recording medium at a front stage of the fixing section;

a second detecting section adapted to detect at least either one of the length and width of the page of the recording medium at a rear stage of the fixing section; and

a correcting section adapted to determine a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section based on outputs from the first detecting section and the second detecting section so as to correct the second image information based on the quantity of heat shrinkage.

8. A printing system comprising:

a first image forming section adapted to form at least an image on a first page and an image on a second page in arrangement in a direction perpendicular to the feeding direction on a recording medium to be fed in one direction;

a fixing section adapted to subject the recording medium bearing the images thereon to at least heating operation so as to fix the images onto the recording medium;

a second image forming section adapted to form at least an image on a third page and an image on a fourth page on the recording medium, which has passed through the fixing means, in arrangement in the direction perpendicular to the feeding direction;

a first detecting section adapted to detect at least either one of the length and width of a page of the recording medium at a front stage of the fixing section;

a second detecting section adapted to detect at least either one of the length and width of the page of the recording medium at a rear stage of the fixing section; and

a page interval correcting section adapted to determine a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing section based on outputs from the first detecting section and the second detecting section so as to correct the interval between the image on the third page and the image on the fourth page based on the quantity of heat shrinkage.

9. A printing method comprising:

a first image forming step of forming a first image on a recording medium based on first image information;

a fixing step of subjecting the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium;

a second image forming step of forming a second image on the recording medium after the fixing step based on second image information;

a first detecting step of detecting at least either one of the length and width of a page of the recording medium at a front stage of the fixing step;

a second detecting step of detecting at least either one of the length and width of the page of the recording medium at a rear stage of the fixing step; and

an image information correcting step of determining a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing step based on outputs generated in the first detecting step and the second detecting step so as to correct the second image information based on the quantity of heat shrinkage.

10. A printing method comprising:

a first image forming step of forming at least an image on a first page and an image on a second page in arrangement in a direction perpendicular to the feeding direction on a recording medium to be fed in one direction;

a fixing step of subjecting the recording medium bearing the images thereon to at least heating operation so as to fix the images onto the recording medium;

a second image forming step of forming at least an image on a third page and an image on a fourth page on the recording medium after the fixing step in arrangement in the direction perpendicular to the feeding direction;



a first detecting step of detecting at least either one of the length and width of a page of the recording medium at a front stage of the fixing step;

a second detecting step of detecting at least either one of the length and width of the page of the recording medium at a rear stage of the fixing step; and

a page interval correcting step of determining a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing step based on outputs generated in the first detecting step and the second detecting step so as to correct the interval between the image on the third page and the image on the fourth page based on the quantity of heat shrinkage.